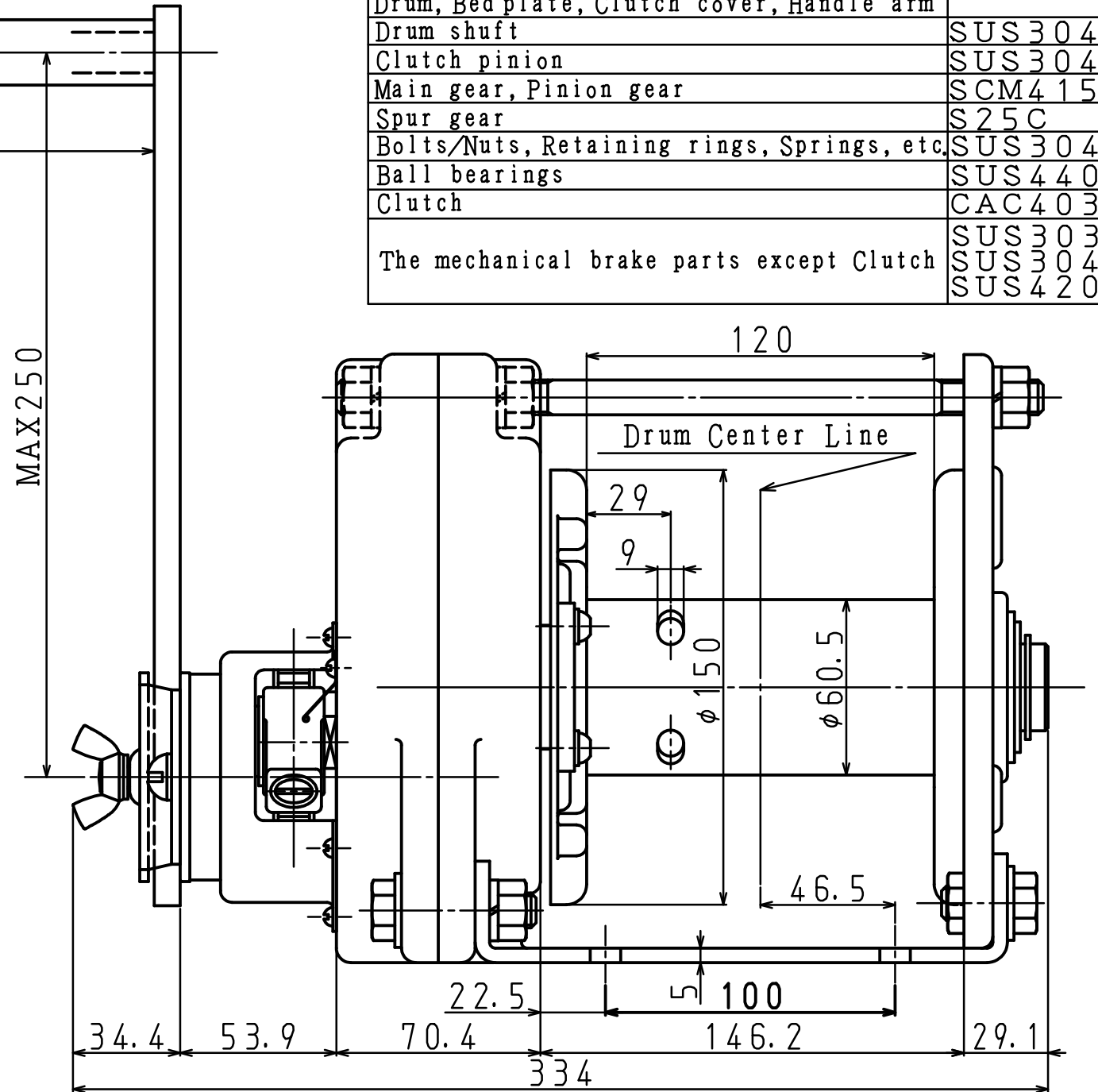
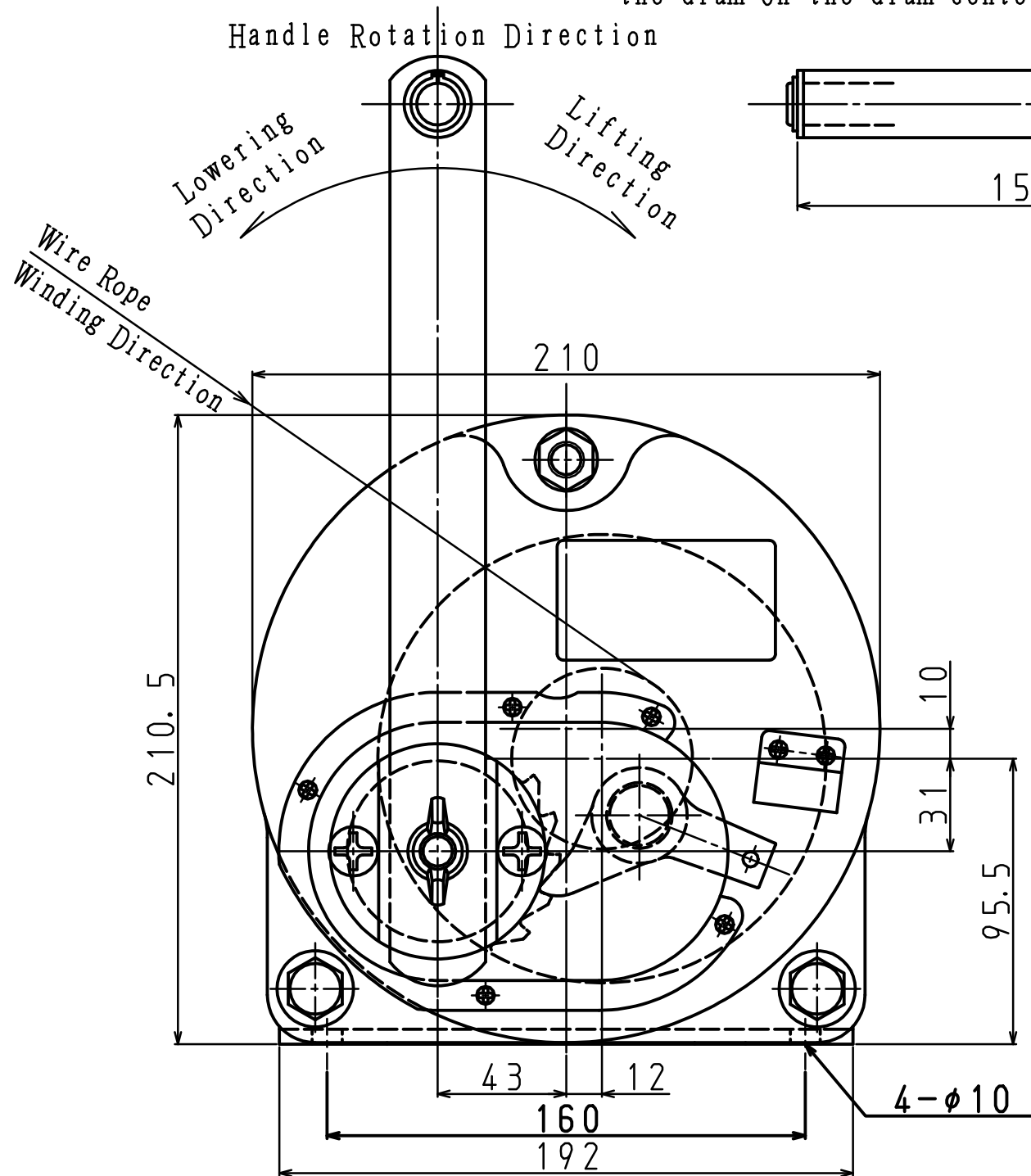


It is necessary the fleet angle is 2 degrees or less to prevent the wire rope being unevenly wound to wind the wire rope uniformly.
Please install the pulley 1800mm or more away from the drum on the drum center line.

REVISION	• •					
① x	• •			② x	• •	
③ x	• •			④ x	• •	

[Materials of the main parts]

Gear case, Gear case cover, Side frame, Drum, Bed plate, Clutch cover, Handle arm	SUS 3 0 4
Drum shift	SUS 3 0 4
Clutch pinion	SUS 3 0 4
Main gear, Pinion gear	SCM 4 1 5
Spur gear	S 2 5 C
Bolts/Nuts, Retaining rings, Springs, etc.	SUS 3 0 4
Ball bearings	SUS 4 4 0 C
Clutch	CAC 4 0 3
The mechanical brake parts except Clutch	SUS 3 0 3 SUS 3 0 4 SUS 4 2 0 J 2



Specifications

(The wire rope composition is
a manufacturer recommendation.)

Model	ESB-3	Handle Operation Power	Handle Length 250mm	1st Layer 76N (= 7.7kgf)
Load Rating Wire Rope Tension	2,940N (=300kgf) (5th Layer or Less)		Wire Rope Tension 2,940N	3rd Layer 103N (=10.5kgf) 5th Layer 131N (=13.3kgf)
Wire Rope Length	φ6mm (6×37)×32m (6th Layer)	Weight (Winch+Handle)		14.2kg
Gear Ratio	1/6.25	Standard Accessories		One Handle
Handle Length	250mm (Effective Max.)			One Hex Wrench for Wire Lock

MARK	PARTICULARS	MATERIAL	TEST	WORKING	SPARE	TOTAL	PER ONE	TOTAL	REMARKS
			PIECE	NO. REQUIRED	(PER	WEIGHT IN	kg		
MANAGER							WORK NO.		QUANTITY
DEPUTY MANAGER									
CHIEF	I. Takahashi	MAXPULL STAINLESS WINCH (ELECTROLYTIC POLISHING)					CLASSIFICATION		SCALE
ENG'R IN CHARGE									/
CHECKED BY									
DRAWN BY	T. Yonezawa						DRAWING NO.		ESB3-101201-01E
DATE DRAWN	2010/12/01								
 MAXPULL MACHINERY & ENGINEERING CO., LTD.									